

BMA PATINE

Code: 1BM-DSV

Color: Catalogue colors

PROPERTIES

BMA Patine is based on acrylic copolymer and designed to be used as a luxurious coating over interior and exterior walls and facades. It is available in different colors and gloss level as a flat or as a pearly decorative finish giving the surface a pearlescent look. BMA Patine composition provides a protection against abrasion, fungal and bacterial growth, as well as a long lasting protective finishing.

RECOMMENDED USES

BMA Patine could be used for:

- ✓ Commercial buildings
- ✓ Cement plasters
- ✓ Gypsum boards
- ✓ Concrete blocks

PERFORMANCE BENEFITS

- ✓ A decorative wall covering
- ✓ Good adhesion to the surface
- ✓ Excellent workability
- ✓ Long lasting performance
- ✓ Fast drying ability

CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to BMA Patine, **clear***

Tests	Norms	Results
Total solids, by weight	ASTM D2369	30%
Specific gravity (g/cm ³)	ASTM D1475	1.04

Viscosity, @25°C	ASTM D562	10 Poises
Total Volatile Organic Compounds (VOC)	ASTM D3960	68 g/L
Spreading rate at 35 µm DFT ⁽¹⁾	-	9.8 m²/L
Recommended WFT ⁽²⁾ (µm)	-	102 µm

1)DFT: Dry Film Thickness

2)WFT: Wet Film Thickness

Data corresponding to BMA Patine, **with pearl**

Tests	Norms	Results
Total solids, by weight	ASTM D2369	33%
Specific gravity (g/cm³)	ASTM D1475	1.06
Viscosity, @25°C	ASTM D562	10 Poises
Total Volatile Organic Compounds (VOC)	ASTM D3960	84 g/L
Spreading rate at 35 µm DFT ⁽¹⁾	-	10 m²/L
Recommended WFT ⁽²⁾ (µm)	-	100 µm

1)DFT: Dry Film Thickness

2)WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Patine, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc...) in order to avoid the risk of surface failing.

Concrete substrate must be well prepared in order to avoid any coating defects.

For new surface, ensure that concrete is completely cured at least 30 days.

For both fresh and old concrete, decontamination is required to remove any dust, oil, grease, laitance, fatty acids or any additional contaminants. Decontamination could be also done using detergent scrubbing, low pressure water cleaning, or steam.

Allow concrete substrate to dry then check the moisture and the pH of the substrate. Ensure that the pH is between 6 and 9 since alkalinity can affect and destroy paint adhesion. For the moisture content, make sure that it does not exceed 4% (by weight). Otherwise, the concrete surface is not a good candidate for painting.

Priming

After sufficient cleaning and drying, prime the surface with BMA Water Based Sealer BMA-SEW.

Thinning

If thinning is required, apply BMA Patine with a brush, roller or sponge after using maximum 5% of tap water (if BMA-DVB is water based) and 5% of BMA White Spirit (if BMA-DVB is solvent based).

Application

BMA Patine should be applied in a well ventilated area where the humidity does not exceed 75% and the temperature varies between 10°C and 30°C. The application must be done using a brush, roller or a sponge on a clean, dry without inconsistencies surface. The following system is recommended for BMA-DVB application:

- After applying BMA-SEW and ensuring a total drying (4 hours), fill the holes with BMA Putty (BMA-PUW010 or BMA-PUW020).
- Rub the surface with a 150 – 180 grit rubbing paper and remove all dust residues.
- Apply a layer of one of the following BMA Silky Water Based Paints:
 - BMA Rubber Emulsion BMA-PAC
 - BMA Roof Coating BMA-PRW
 - BMA Decorative Putty BMA-PUW
- Finalize the system with BMA Patine BMA-DVB.

Drying Time

Surface (Touch) Dry: 1 hour

Dry to over coat: 4 hours

Full cure time: 6 hours

AVAILABLE PACKAGING

1 Kilo; 1 Gallon = 4 L

SHELF LIFE

BMA Patine should be stored in undamaged and unopened containers in a well ventilated area where the temperature varies between 5°C and 35°C and away from any direct sunlight exposure or any freezing and heating source.

Under these conditions, the shelf life of BMA Patine will be 2 years. After this period the product is subjected to re-inspection. Proper handling is essential to maintain good quality.

HEALTH & SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for complete information on Hazards Identification, First-Aid and Fire-Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control and Personal Protection, Stability and Reactivity, Toxicological Information, and Transport Information.

QUALITY ASSURANCE

BMA Commercial & Industrial s.a.l is a holder of the ISO 9001:2015 and ISO 45001:2018 certificates, which guarantees that all operations are conducted in compliance with International Standards.

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IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, BMA Commercial & Industrial s.a.l expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.